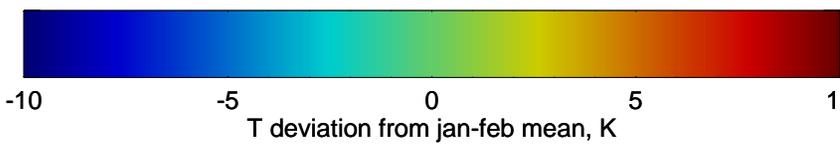
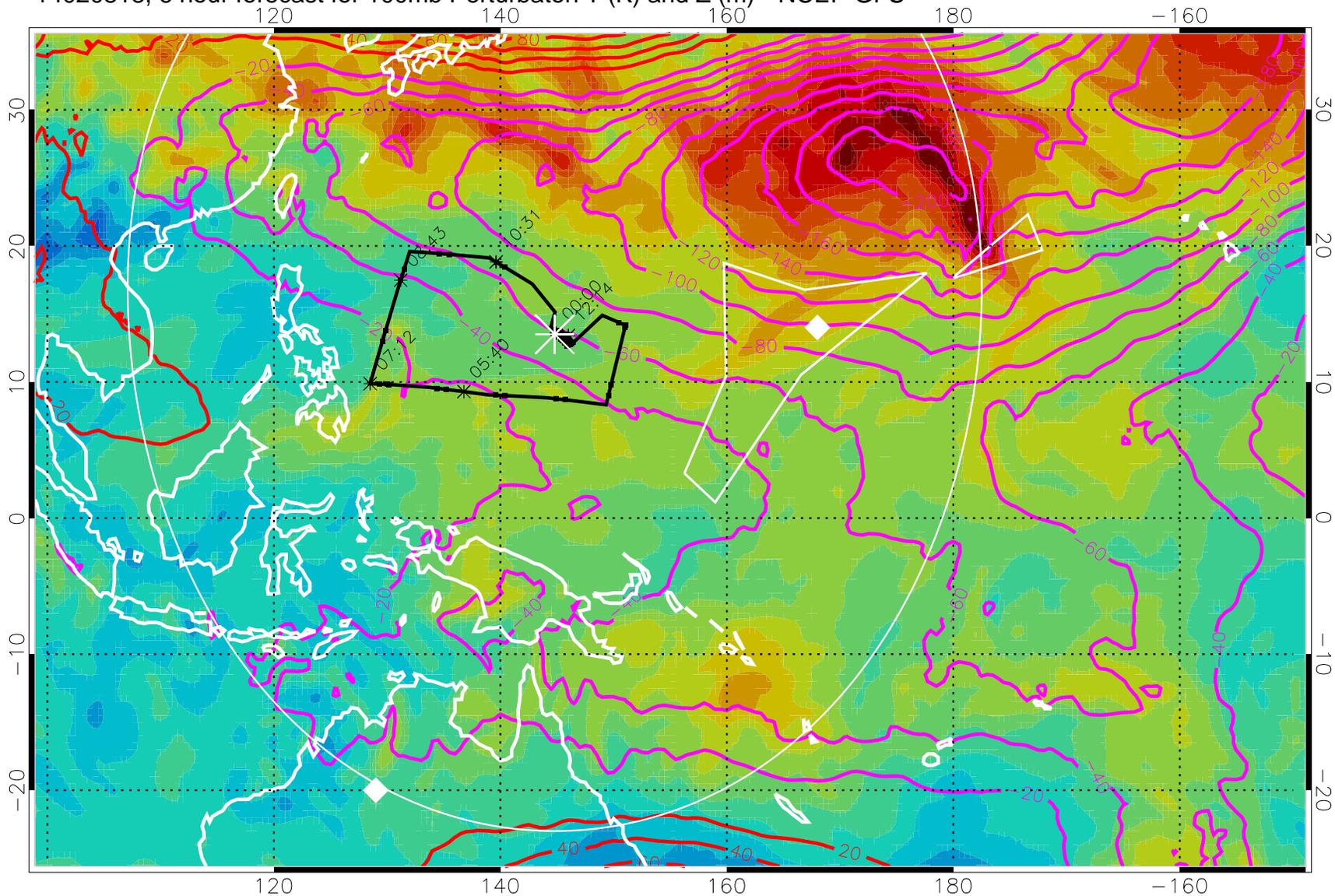


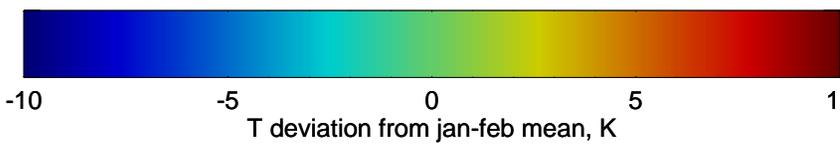
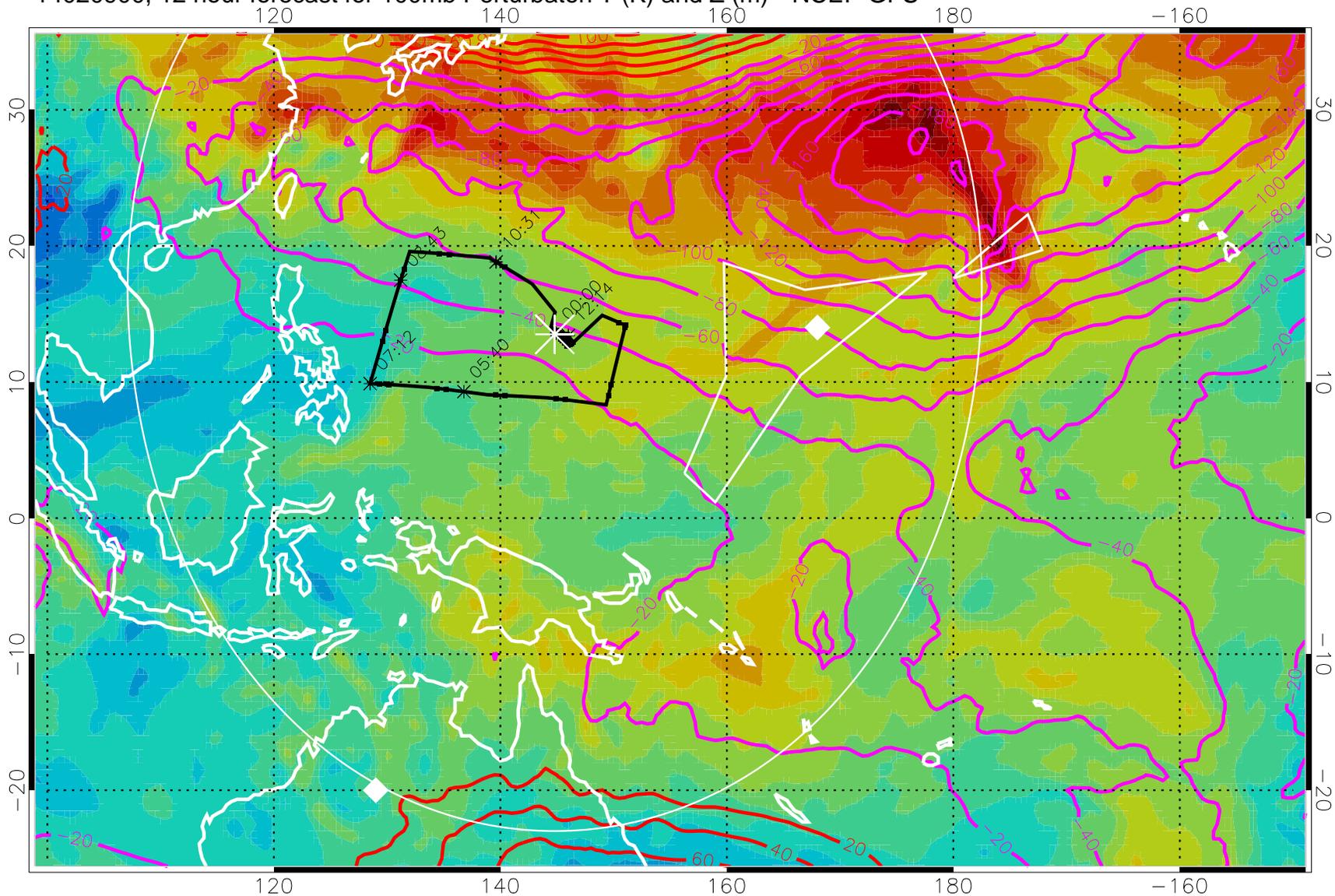
14020818, 6 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

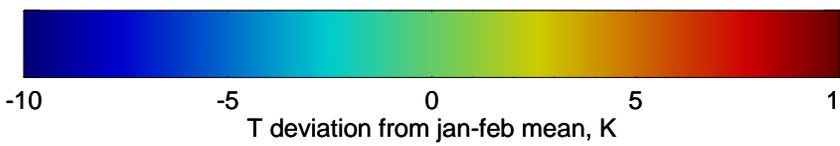
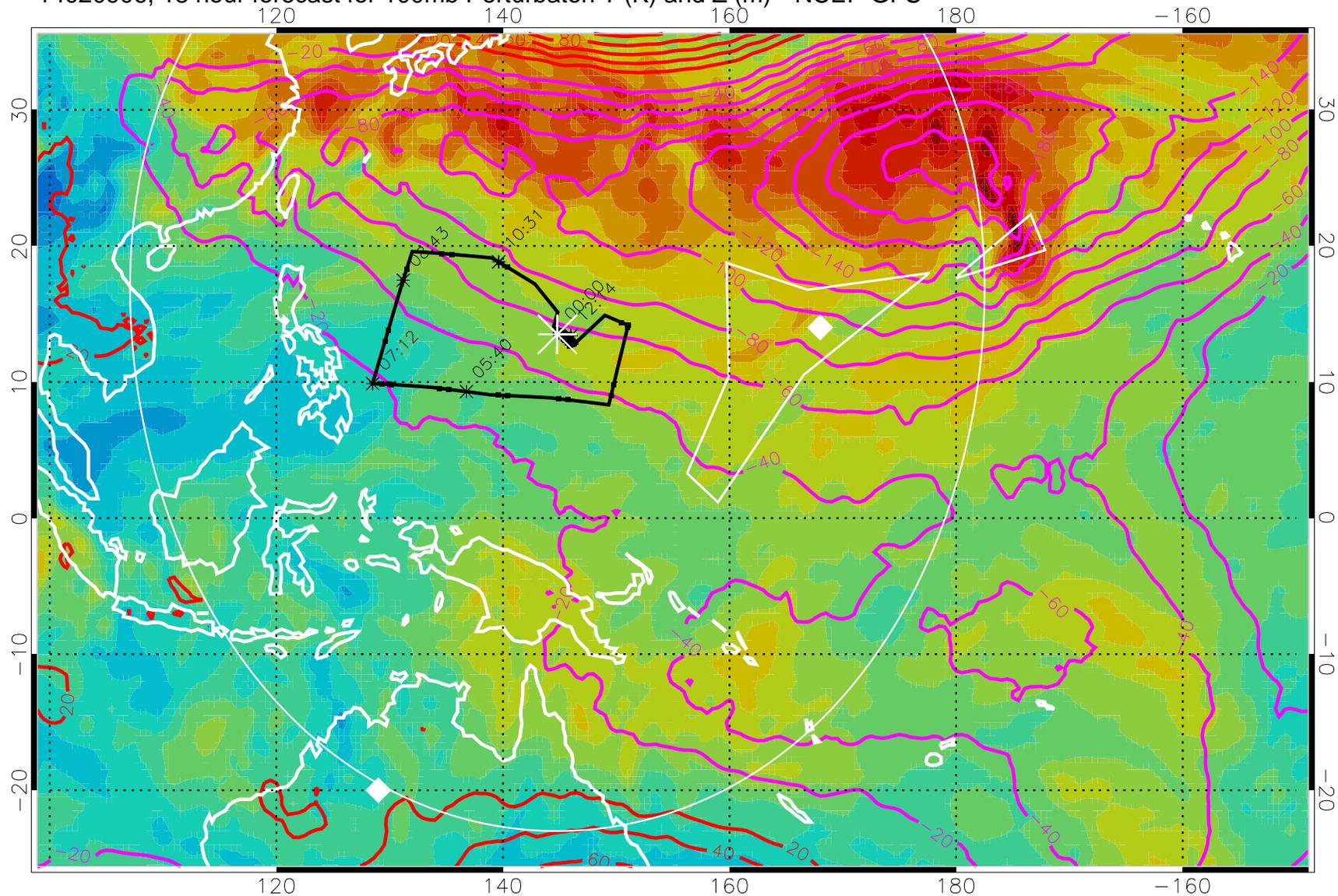
14020900, 12 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

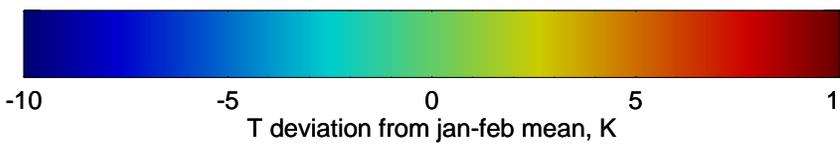
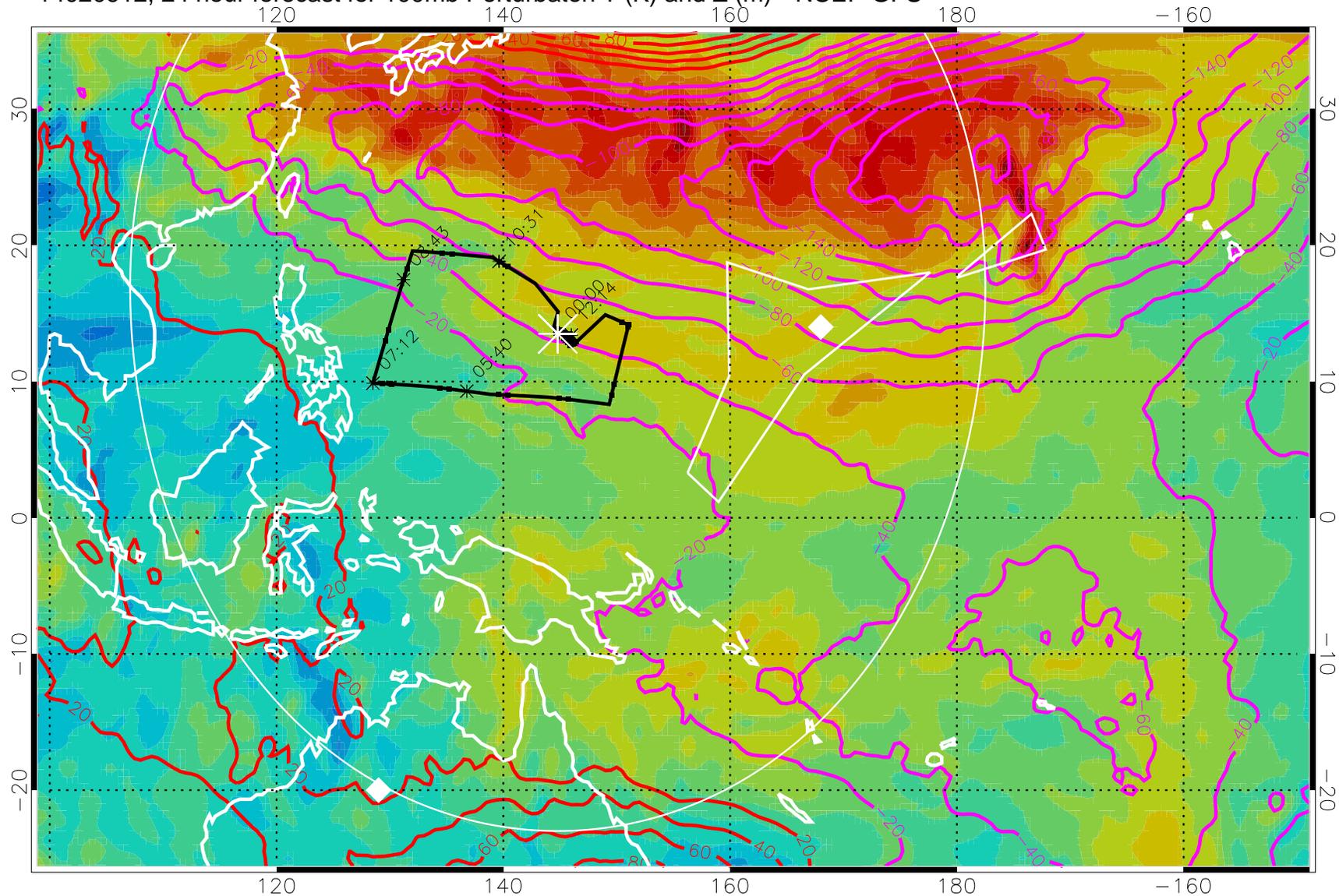
14020906, 18 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

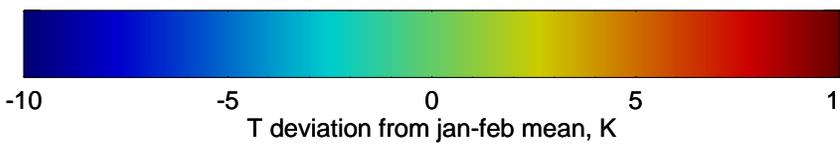
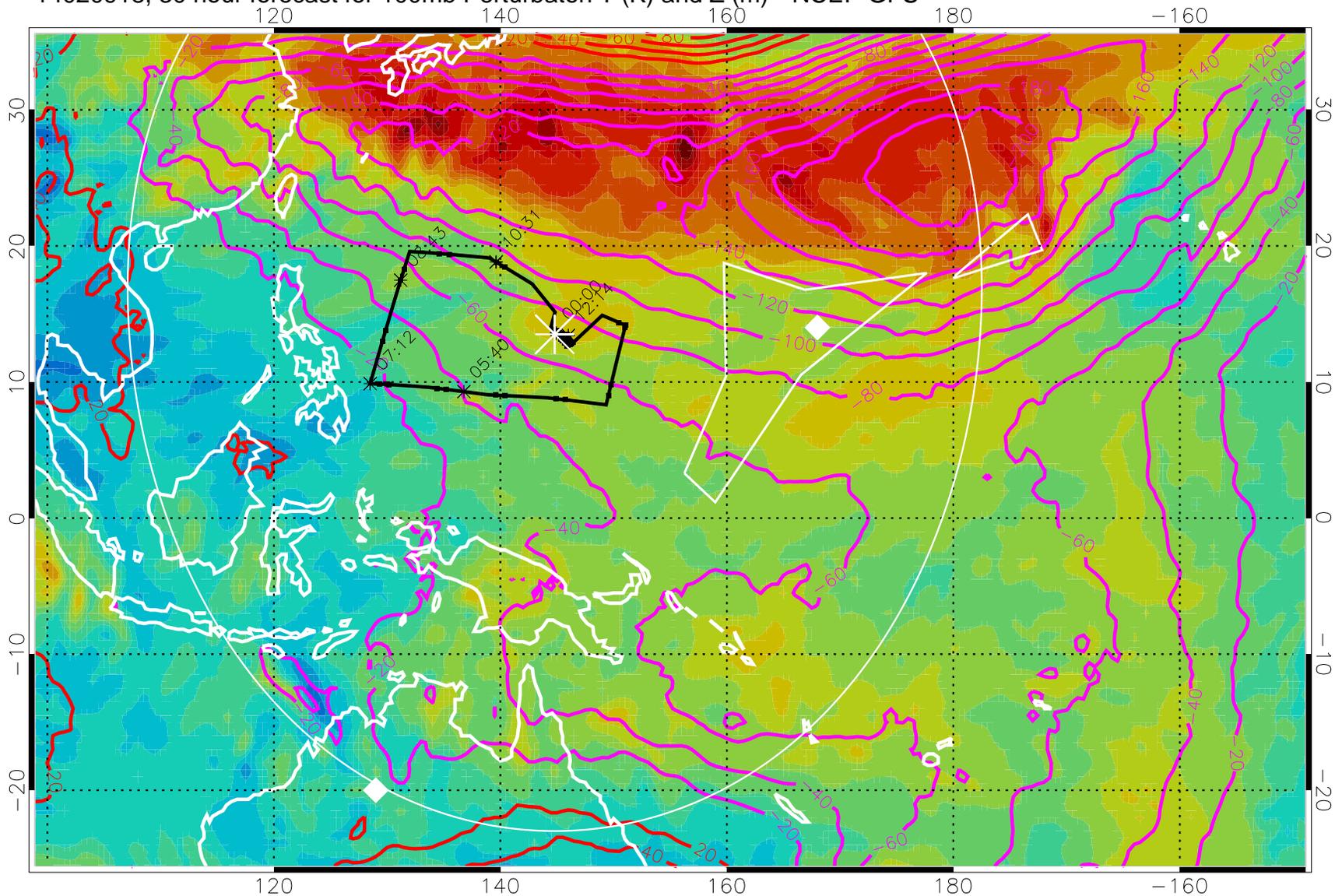
14020912, 24 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

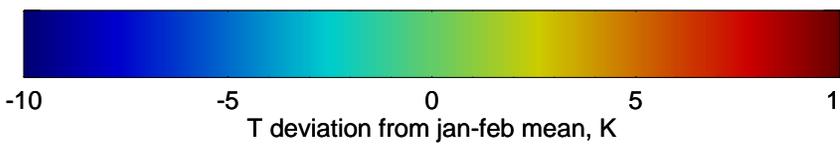
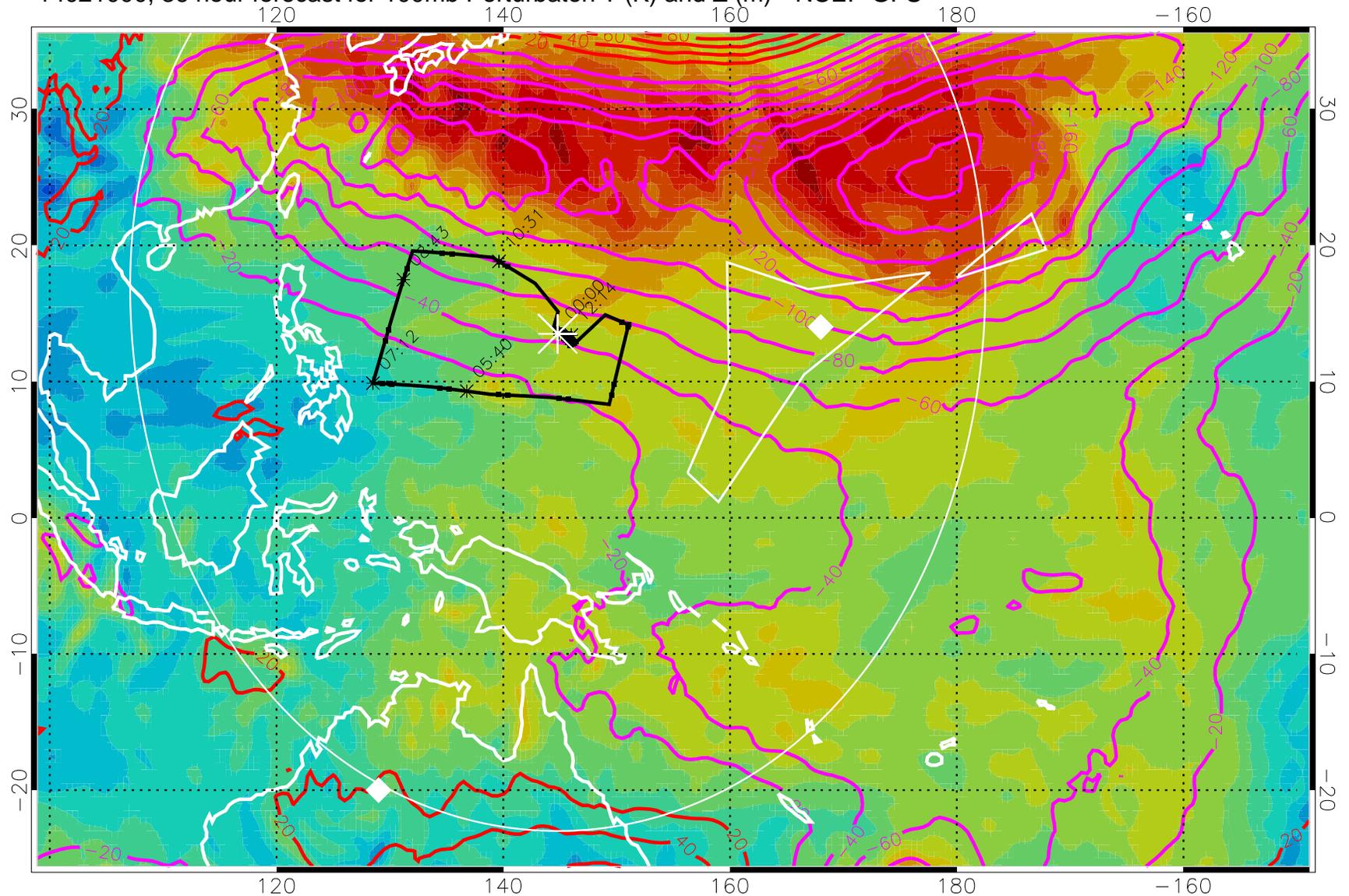
14020918, 30 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14021000, 36 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)

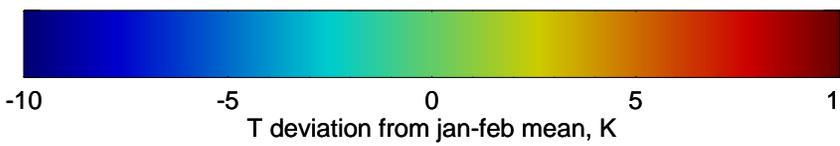
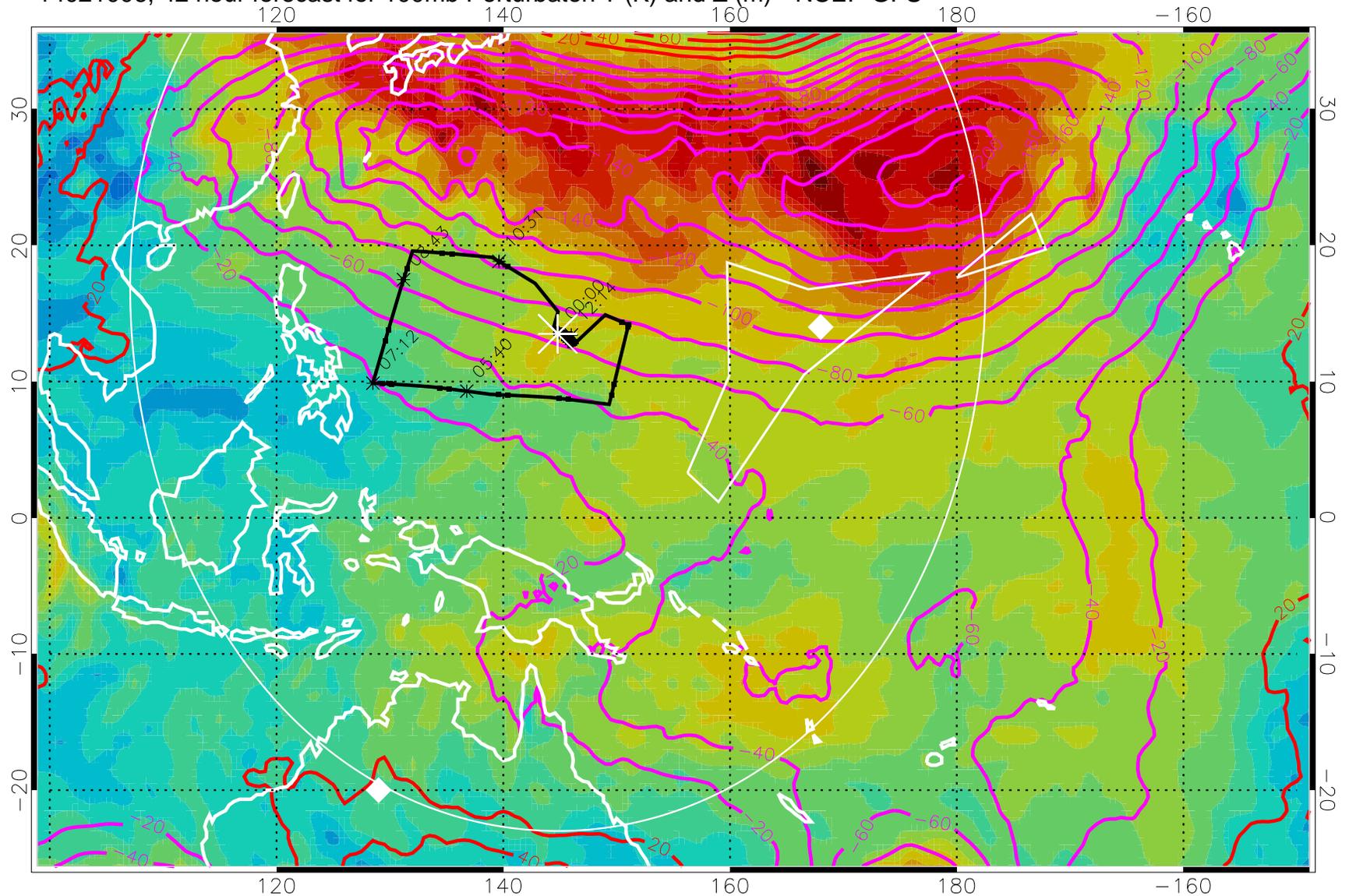
Positive Z Contours

Negative Z Contours

Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

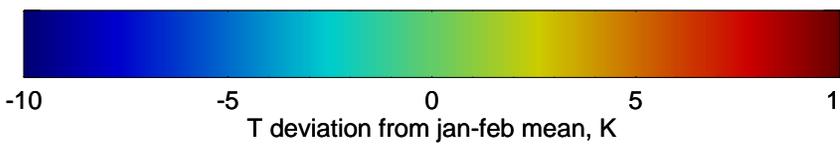
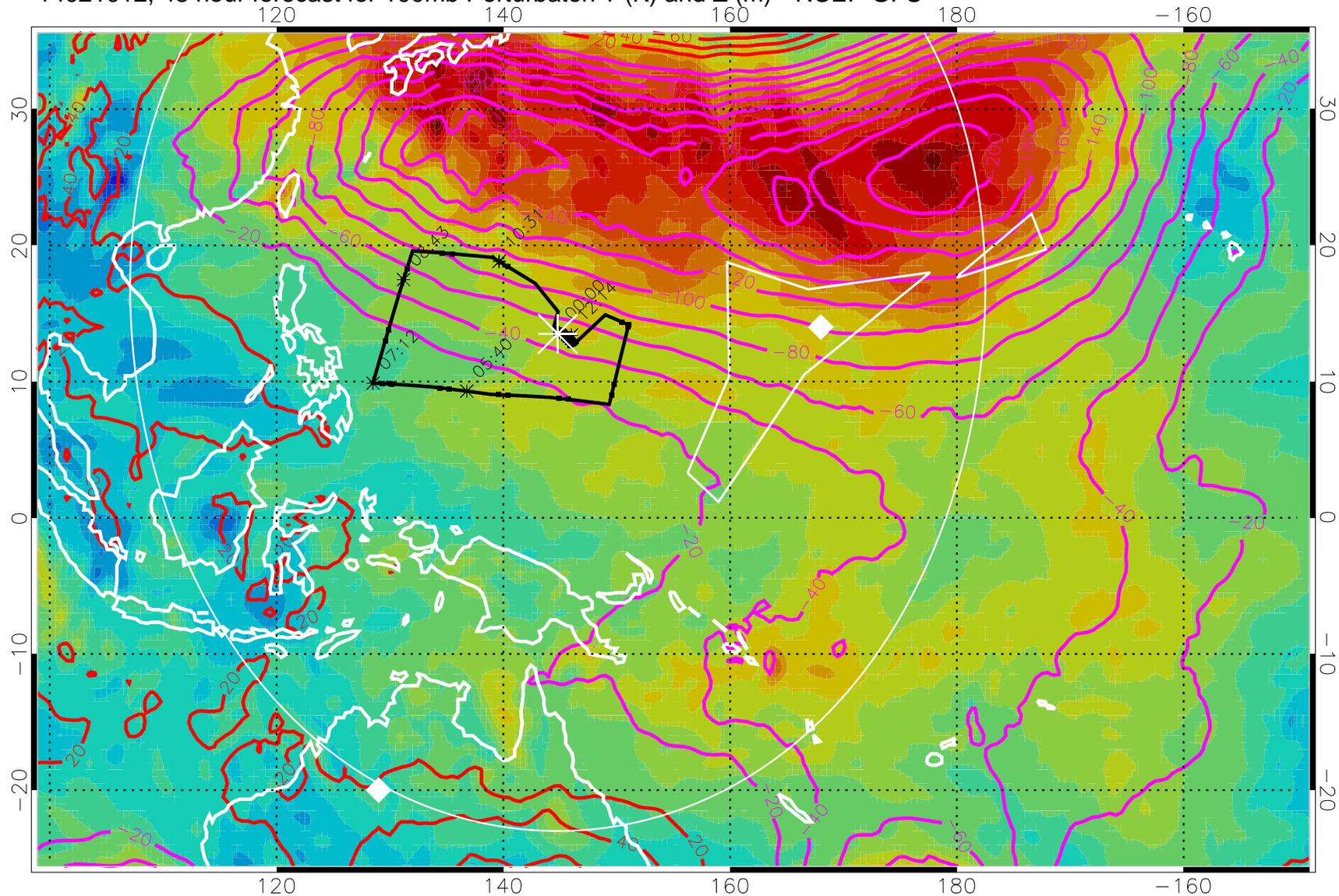
14021006, 42 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

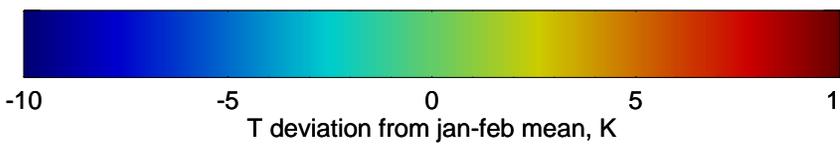
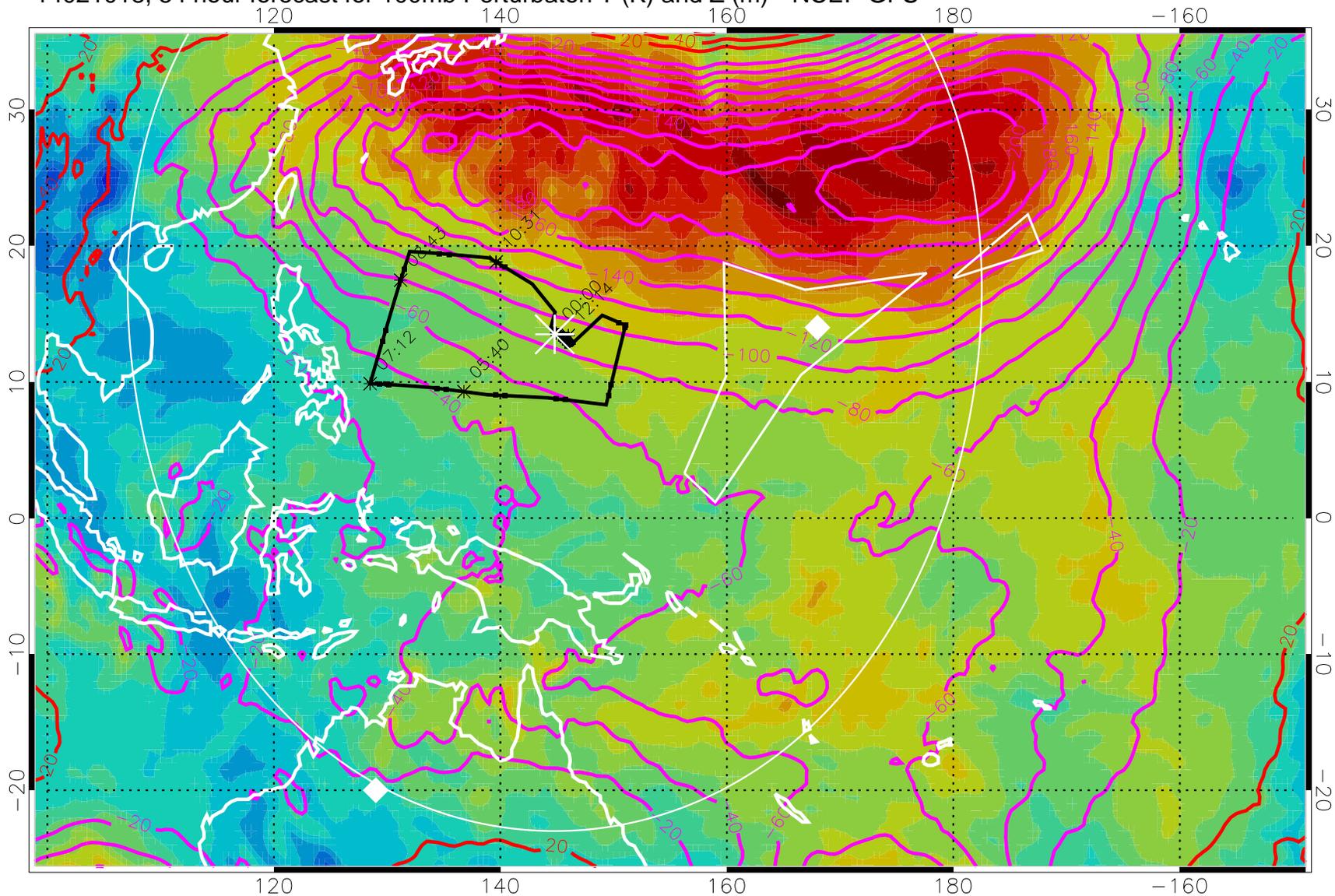
14021012, 48 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

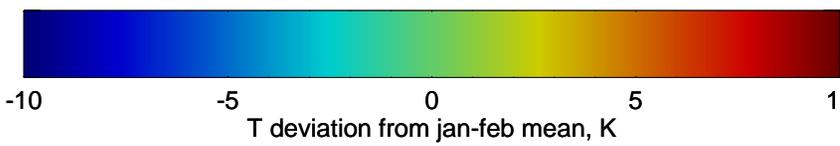
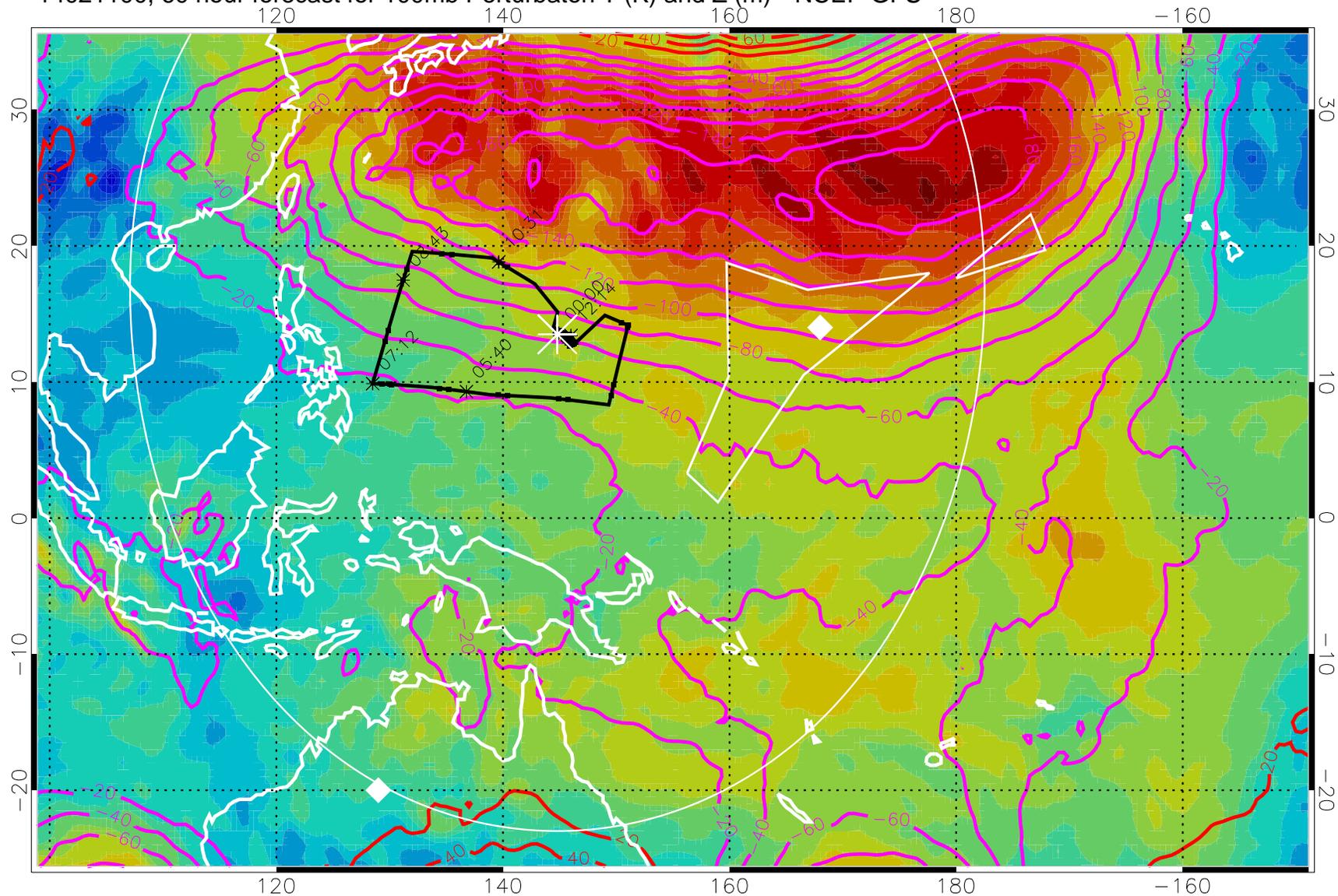
14021018, 54 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
 Positive Z Contours  
 Negative Z Contours  
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

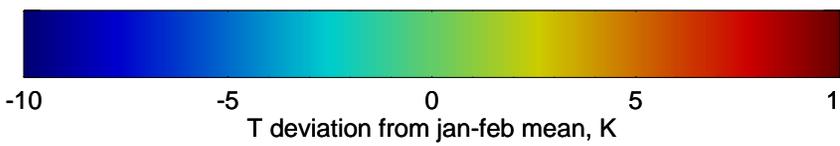
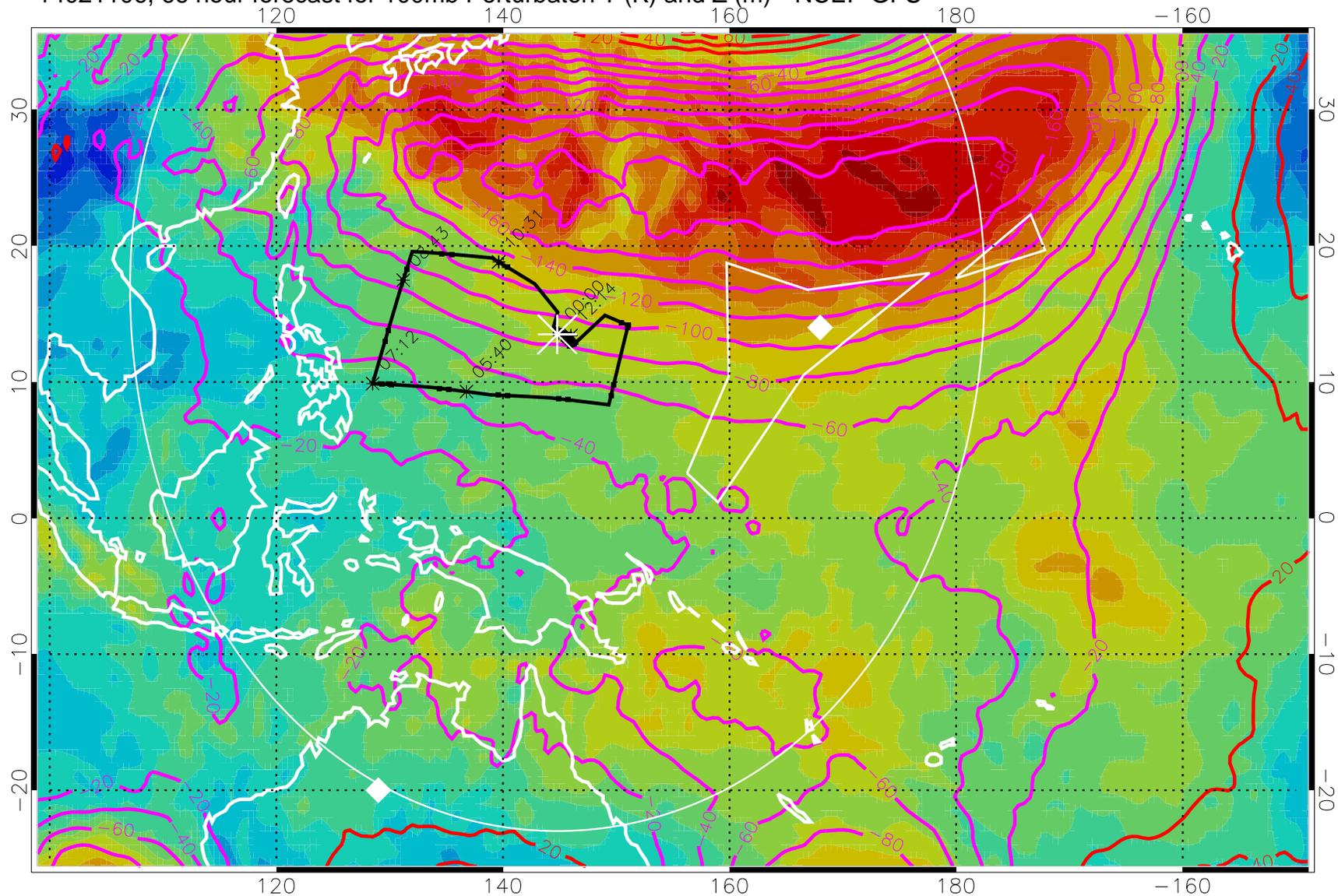
14021100, 60 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

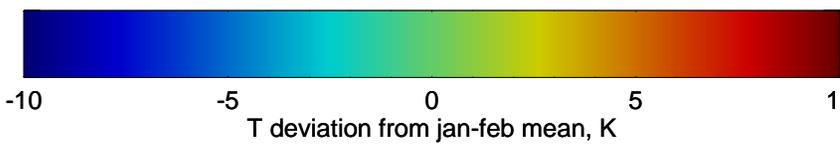
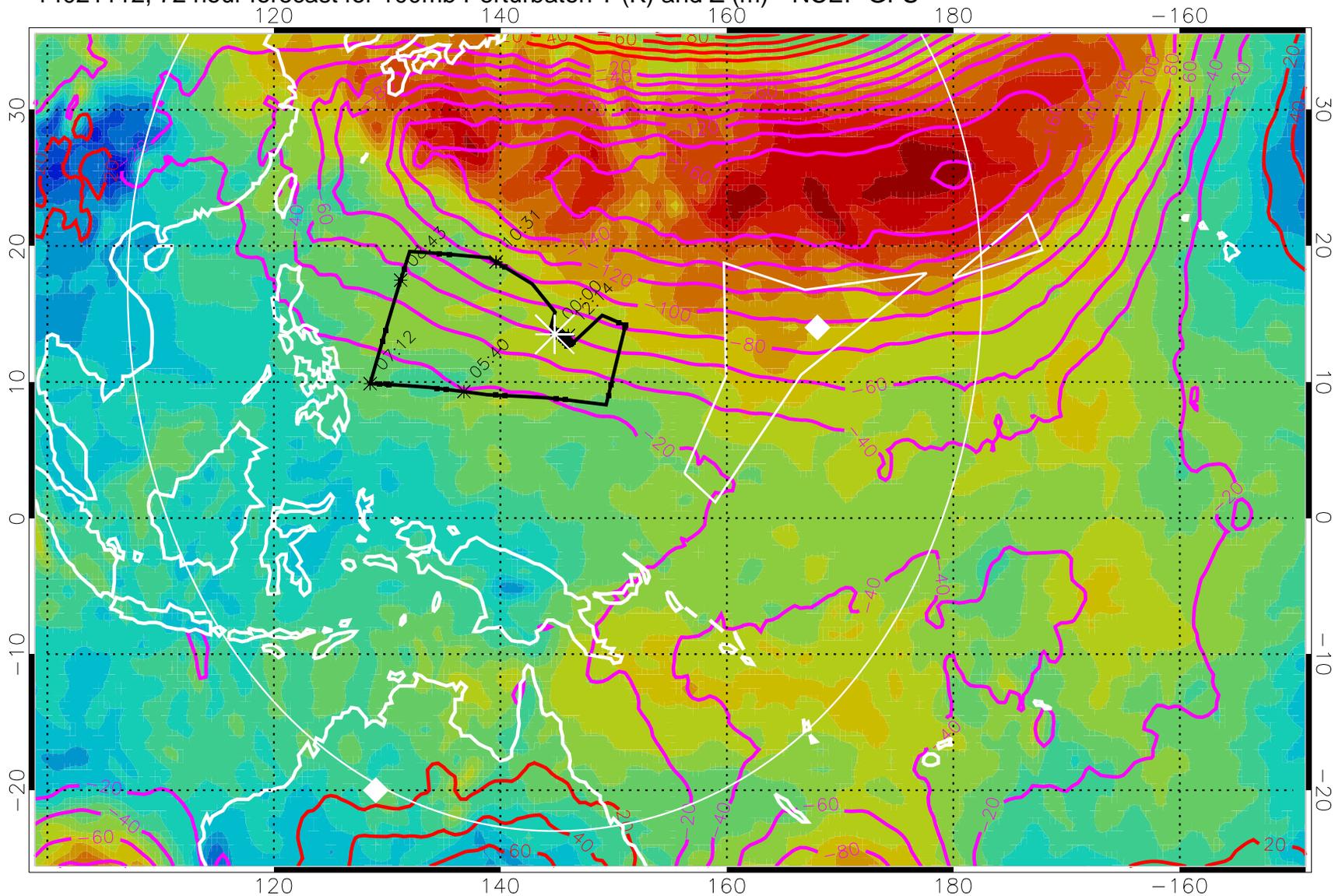
14021106, 66 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
 Positive Z Contours  
 Negative Z Contours  
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

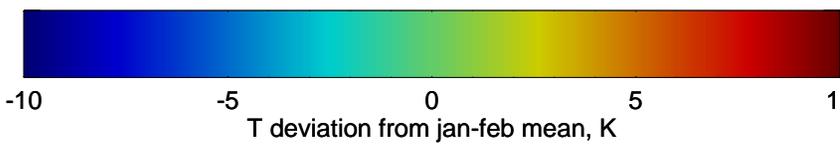
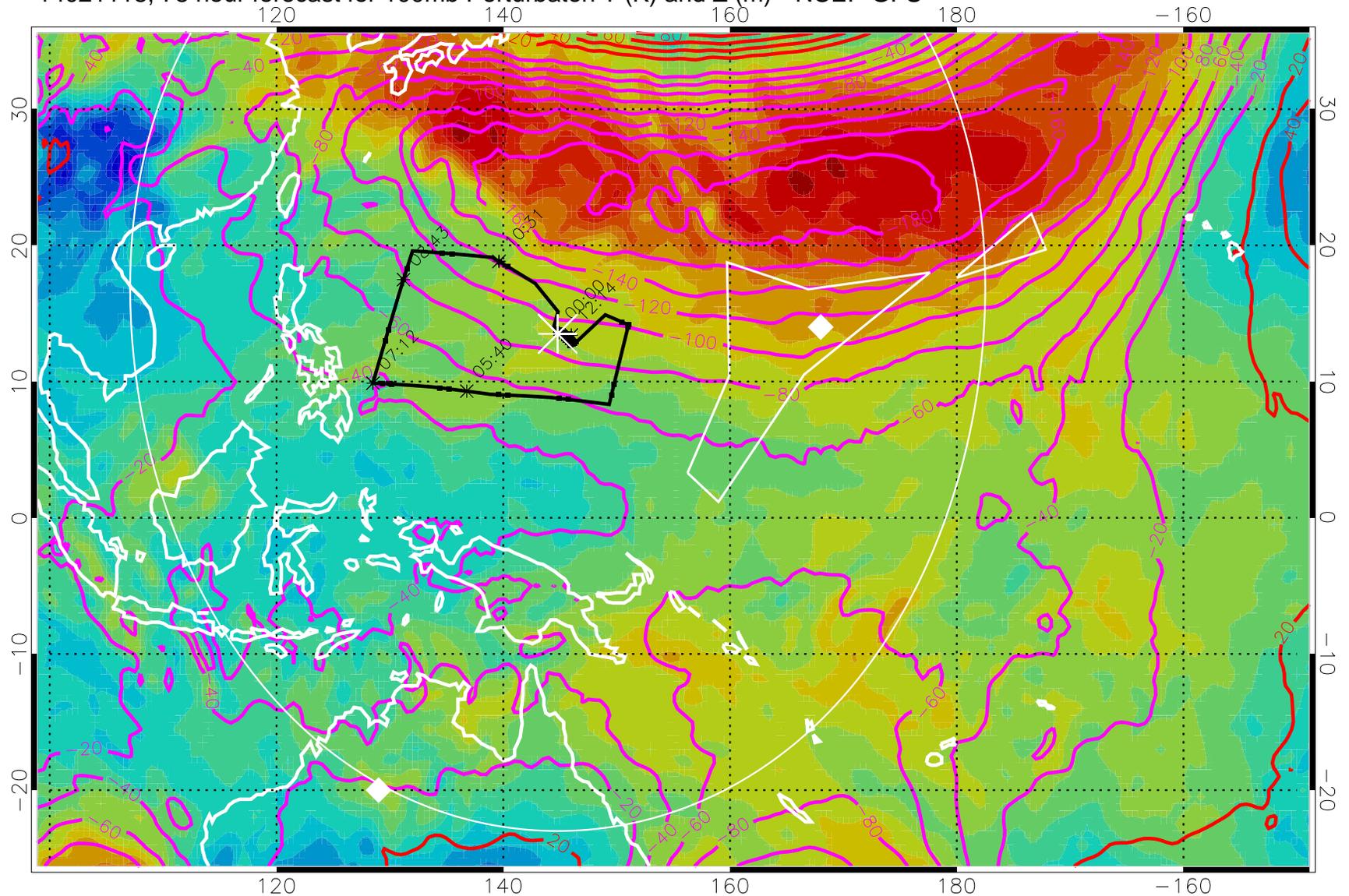
14021112, 72 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
 Positive Z Contours  
 Negative Z Contours  
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

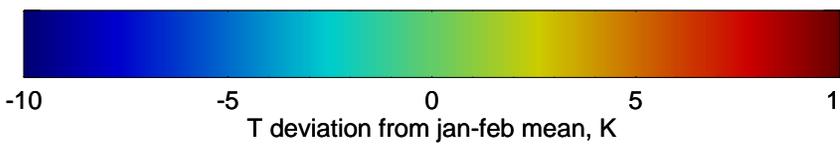
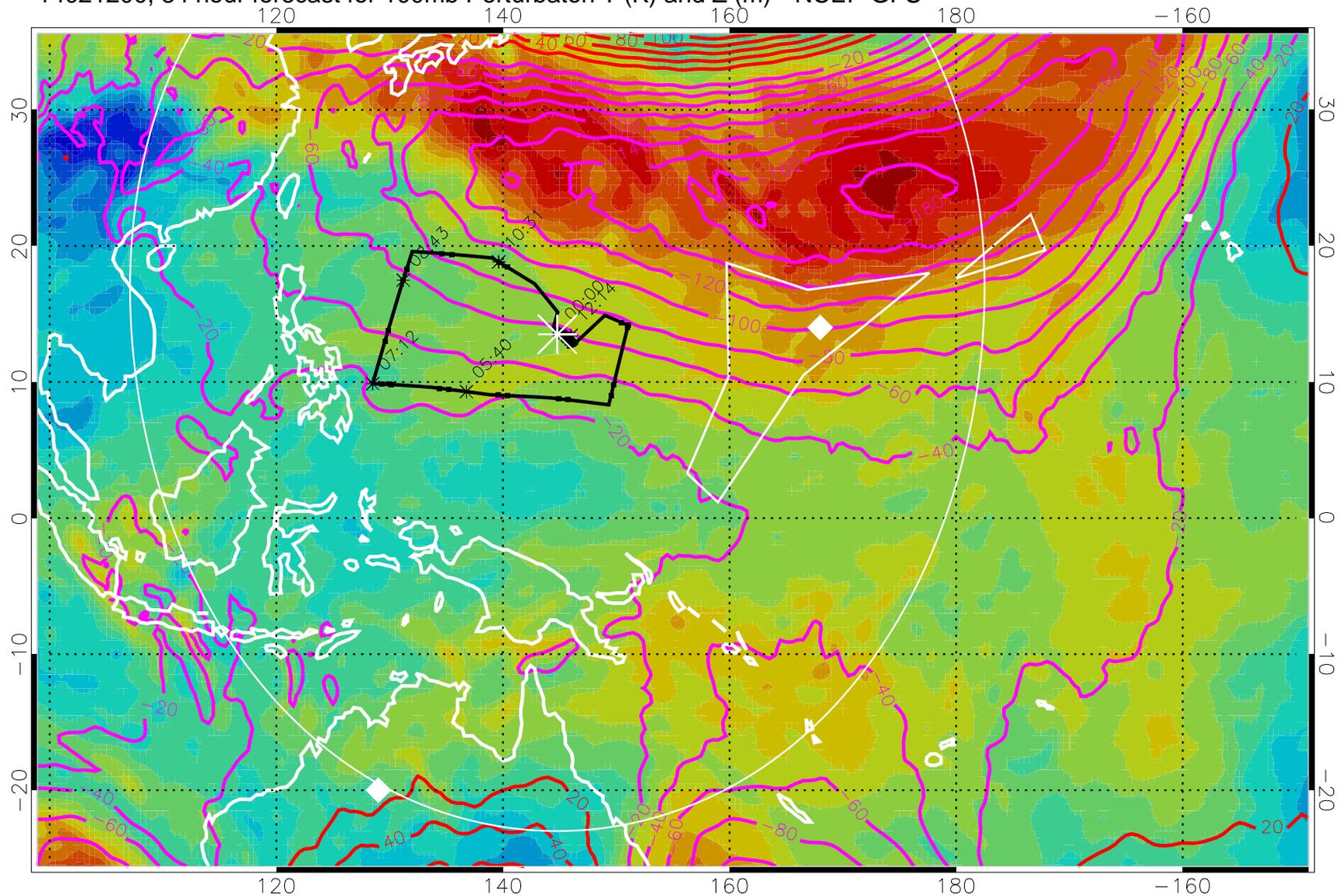
14021118, 78 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

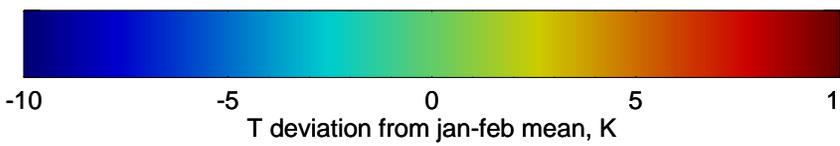
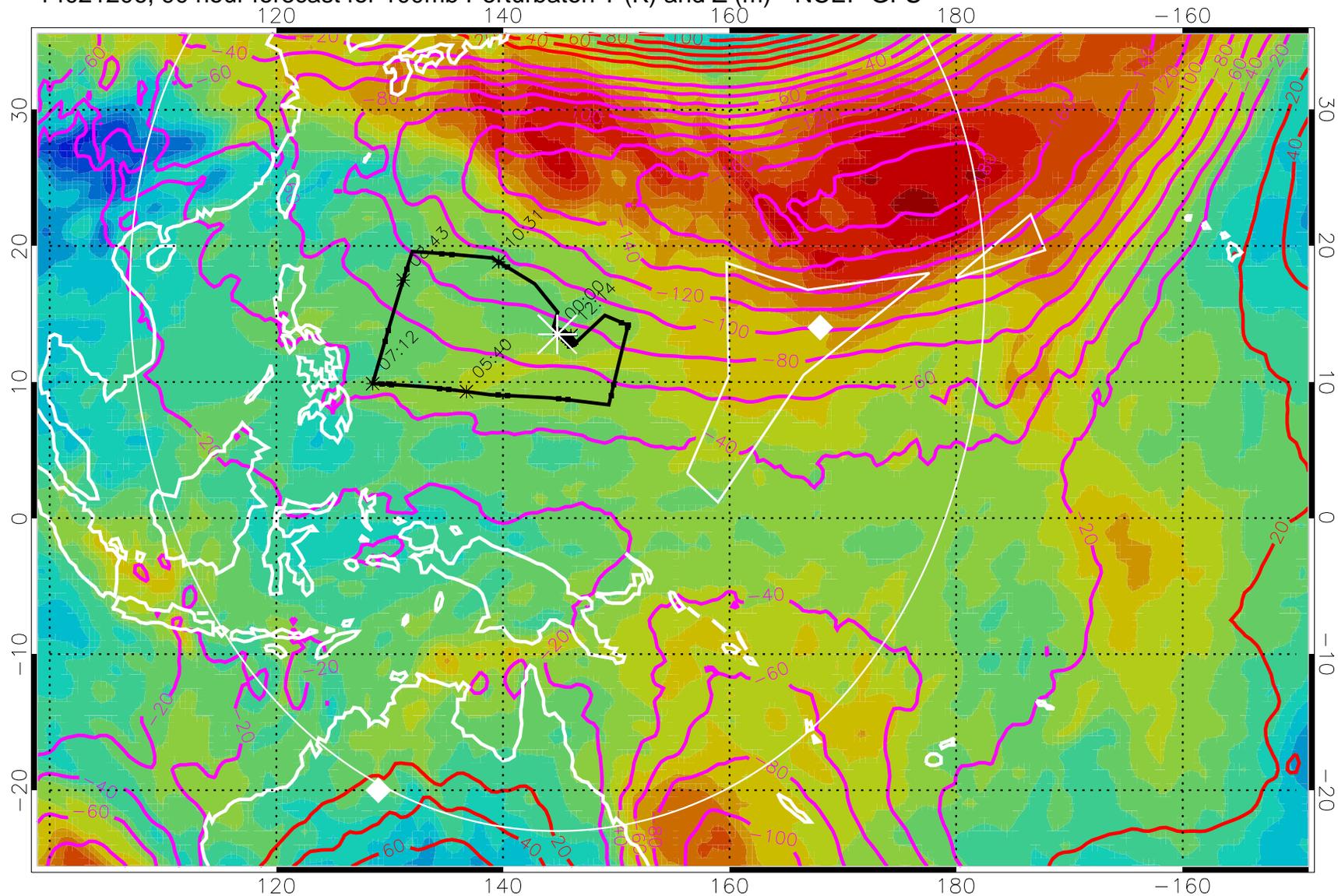
14021200, 84 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
 Positive Z Contours  
 Negative Z Contours  
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

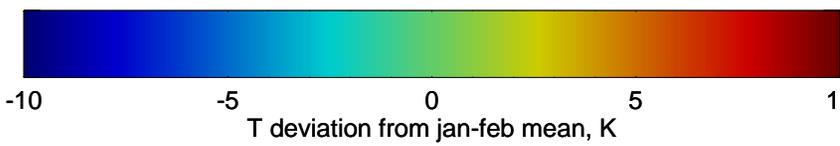
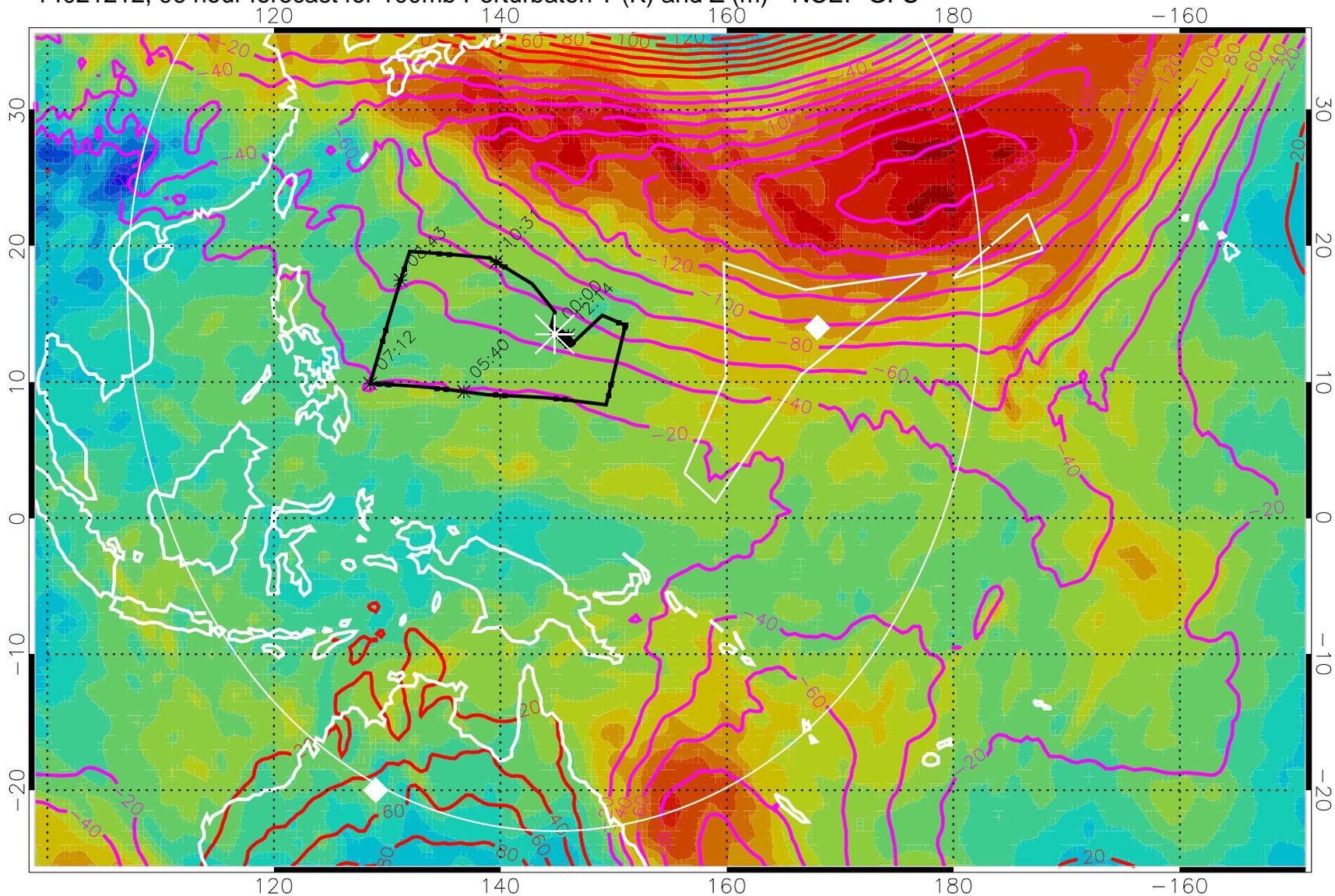
14021206, 90 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

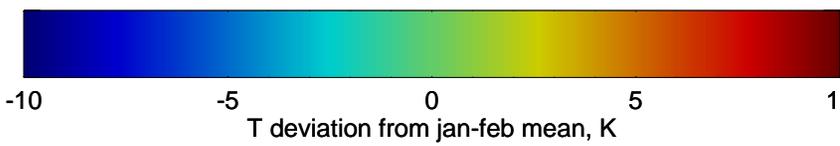
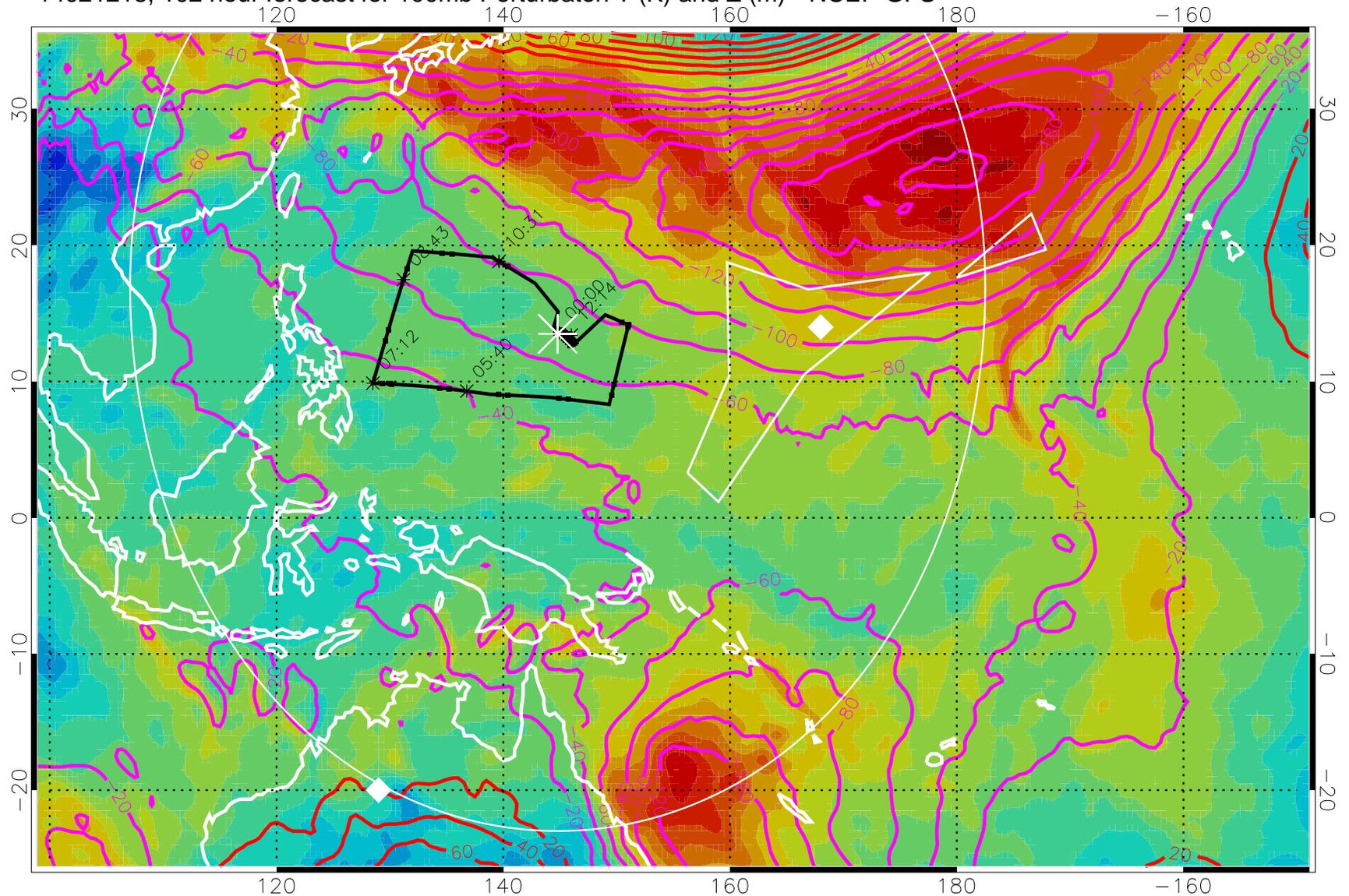
14021212, 96 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

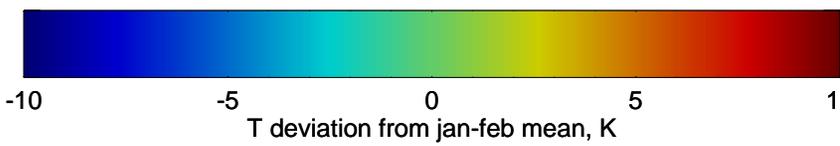
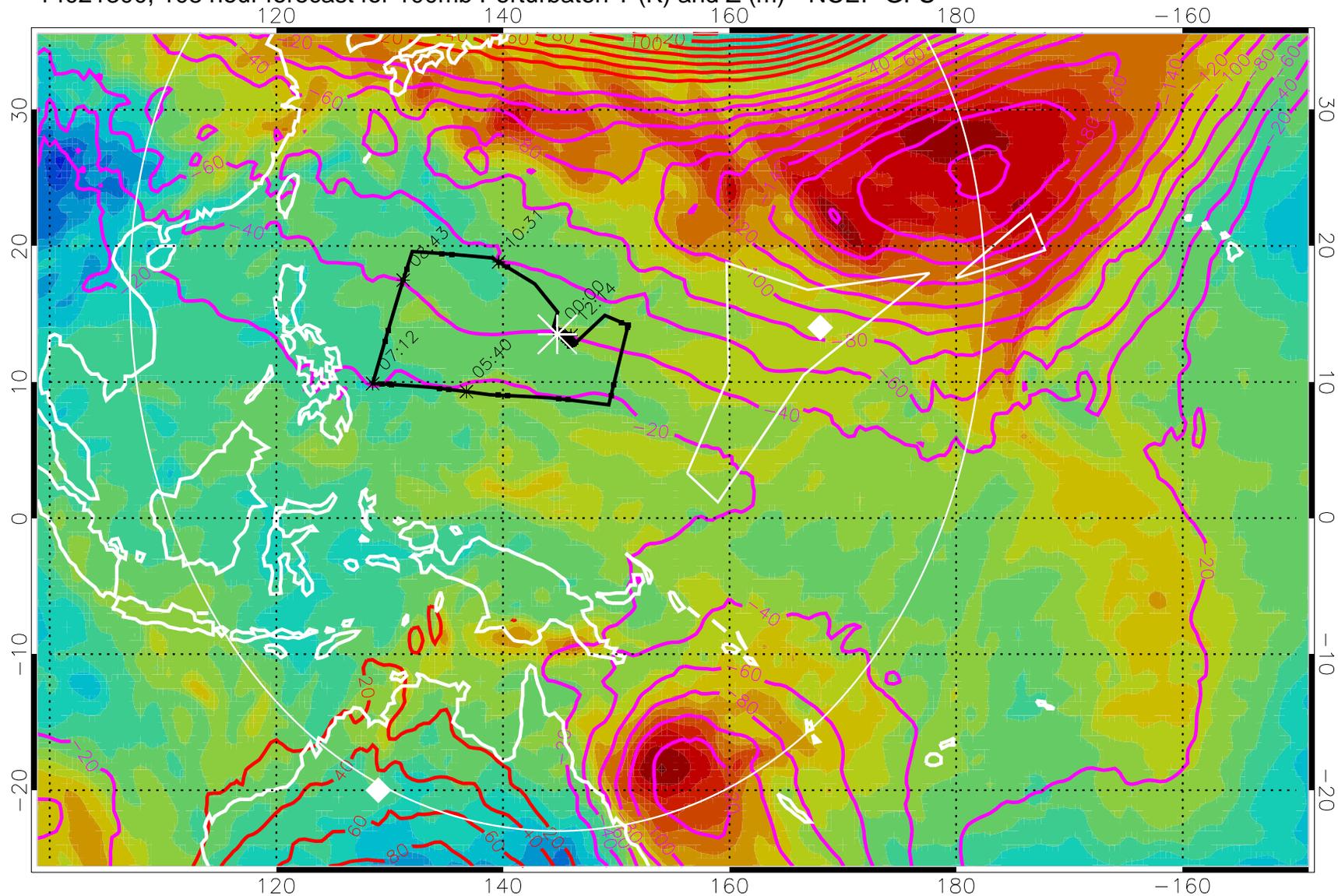
14021218, 102 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

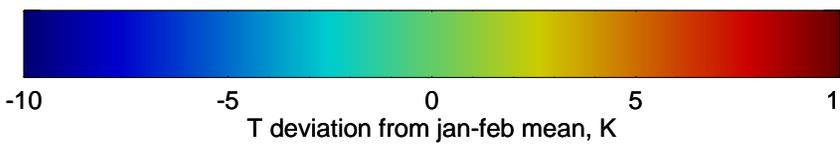
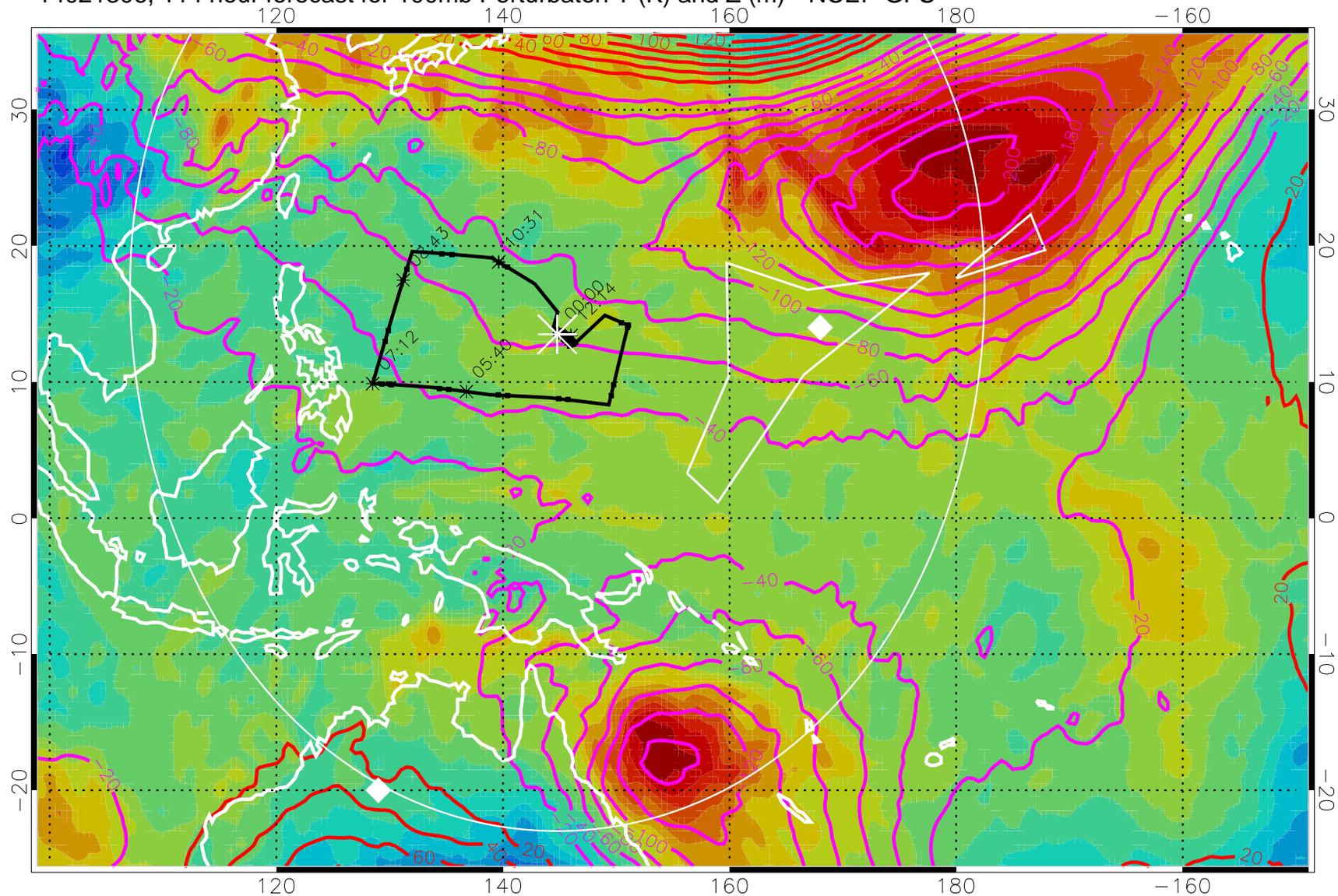
14021300, 108 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
Positive Z Contours  
Negative Z Contours  
Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

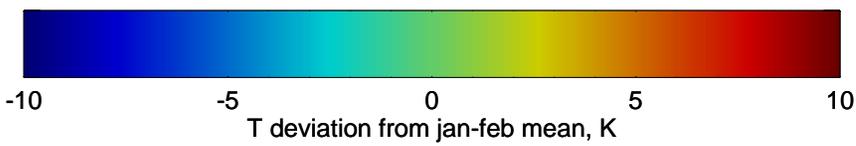
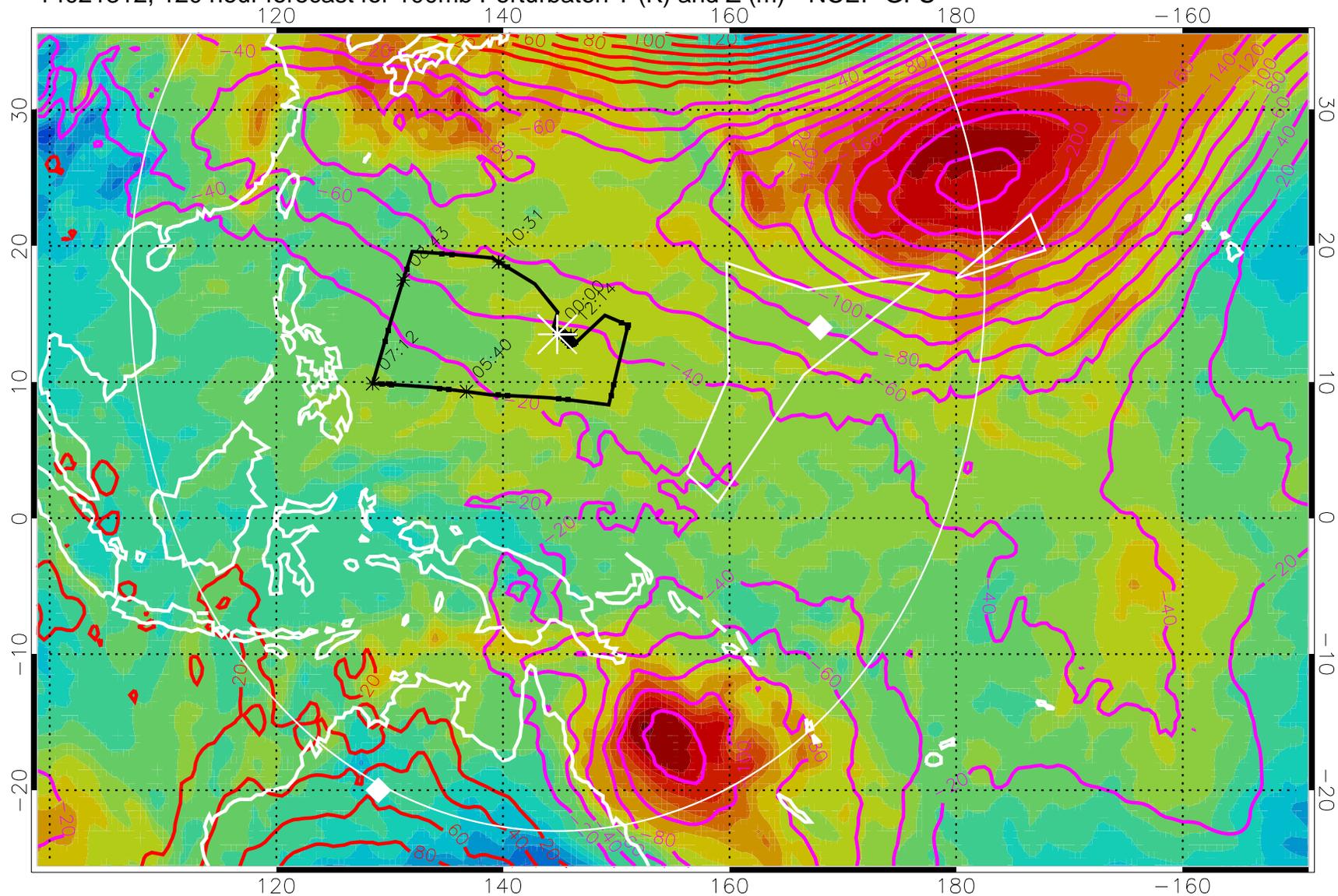
14021306, 114 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)  
 Positive Z Contours  
 Negative Z Contours  
 Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip

14021312, 120 hour forecast for 100mb Perturbaton T (K) and Z (m)-- NCEP GFS



Contours are 100 mbar Z perturbation (m)

Positive Z Contours

Negative Z Contours

Diamonds-mean pos. of anticyclones

Range ring of 4055 km -- 13 hours GH round trip